CHAPTER 38

MISCELLANEOUS CHEMICAL PRODUCTS

Notes

1. This chapter does not cover:

   (a) Separate chemically defined elements or compounds with the exception of the following:

      (1) Artificial graphite (heading 3801);

      (2) Insecticides, rodenticides, fungicides, herbicides, antisprouting products and plant-growth regulators, disinfectants and similar products put up as described in heading 3808;

      (3) Products put up as charges for fire-extinguishers or put up in fire-extinguishing grenades (heading 3813);

      (4) Certified reference materials specified in note 2 below;

      (5) Products specified in note 3(a) or 3(c) below.

   (b) Mixtures of chemicals with foodstuffs or other substances with nutritive value, of a kind used in the preparation of human foodstuffs (generally, heading 2106);

   (c) Slag, ash and residues (including sludges, other than sewage sludge), containing metals, arsenic or their mixtures and meeting the requirements of note 3(a) or 3(b) to chapter 26 (heading 2620);

   (d) Medicaments (heading 3003 or 3004); or

   (e) Spent catalysts of a kind used for the extraction of base metals or for the manufacture of chemical compounds of base metals (heading 2620), spent catalysts of a kind used principally for the recovery of precious metal (heading 7112) or catalysts consisting of metals or metal alloys in the form of, for example, finely divided powder or woven gauze (section XIV or XV).

2.

   (a) For the purposes of heading 3822, the expression "certified reference materials" means reference materials which are accompanied by a certificate which indicates the values of the certified properties, the methods used to determine these values and the degree of certainty associated with each value and which are suitable for analytical, calibrating or referencing purposes.

   (b) With the exception of the products of chapter 28 or 29, for the classification of certified reference materials, heading 3822 shall take precedence over any other heading in the tariff schedule.

3. Heading 3824 includes the following goods which are not to be classified in any other heading of the tariff schedule:

   (a) Cultured crystals (other than optical elements) weighing not less than 2.5 g each, of magnesium oxide or of the halides of the alkali or alkaline-earth metals;

   (b) Fusel oil; Dippel's oil;

   (c) Ink removers put up in packings for retail sale;

   (d) Stencil correctors, other correcting fluids and correction tapes (other than those of heading 9612), put up inpackings for retail sale; and

   (e) Ceramic firing testers, fusible (for example, Seger cones).

4. Throughout the tariff schedule, "municipal waste" means waste of a kind collected from households, hotels, restaurants, hospitals, shops, offices, etc., road and pavement sweepings, as well as construction and demolition waste. Municipal waste generally contains a large variety of materials such as plastics, rubber, wood, paper, textiles, glass, metals, food materials, broken furniture and other damaged or discarded articles. The term "municipal waste," does not cover:

   (a) Individual materials or articles segregated from the waste, such as wastes of plastics, rubber, wood, paper, textiles, glass or metals and spent batteries, which fall in their appropriate headings of the tariff schedule;

Notes (con.)

(b) Industrial waste:

(c) Waste pharmaceuticals, as defined in note 4(k) to chapter 30; or

(d) Clinical waste, as defined in note 6(a), below.

5. For the purposes of heading 3825, "sewage sludge" means sludge arising from urban effluent treatment plants and includes pre-treatment waste, scourings and unstabilized sludge. Stabilized sludge, when suitable for use as fertilizer, is excluded (chapter 31).

6. For the purposes of heading 3825, the expression "other wastes" applies to:

(a) Clinical waste, that is, contaminated waste arising from medical research, diagnosis, treatment or other medical, surgical, dental or veterinary procedures, which often contain pathogens and pharmaceutical substances and require special disposal procedures (for example, soiled dressings, used gloves and used syringes);

(b) Waste organic solvents;

(c) Wastes of metal pickling liquors, hydraulic fluids, brake fluids and anti-freezing fluids; and

(d) Other wastes from chemical or allied industries.

The expression "other wastes" does not, however, cover wastes which contain mainly petroleum oils or oils obtained from bituminous materials (heading 2710).

7. For the purposes of heading 3826, the term "biodiesel" means mono-alkyl esters of fatty acids of a kind used as a fuel, derived from animal or vegetable fats and oils, whether or not used.

Subheading Notes

1 Subheadings 3808.52 and 3808.59 cover only goods of heading 3808, containing one or more of the following substances: alachlor (ISO); aldicarb (ISO); aldrin (ISO): azinphos-methyl (ISO); binapacryl (ISO); camphechlor (ISO) (toxaphene); captafol (ISO); DDT (ISO); clofenotane (INN); 1,1,1-thrichloro-2,2-bis(p-chlorophenyl)ethane); (dieldrin (ISO); it salts or its esters; endosulfan (ISO); ethylene dibromide (ISO) (1,2-dibromoethane); ethylene dichloride (ISO) (1,2-dichloroethane); fluoroacetamide (ISO); heptachlor (ISO); hexachlorobenzene (ISO); 1,2,3,4,5,6-hexachlorocyclohexane (HCH) (ISO); including lindane (ISO, INN); mercury compounds; methamidophos (ISO); monocrotophos (ISO); oxirane (ethylene oxide); parathion (ISO); parathion-methyl(ISO) (methylparathion); penta- and octabromodiphenyl ethers; pentachlorophenol (ISO), its salts or its esters; perfluorooctane sulfonic acid and its salts; perfluorooctane sulfonamides; perfluorooctane fulfonly fluoride; phosphamidon (IDO); 2,4,5-T (ISO) (2,4,5-trichlorophenoxyacetic acid), its salts or its esters tribultyltin compounds.

Subheading 3808.59 also covers dustable powder formulations containing a mixture of benomyl (ISO), carbofuran (ISO) and thiram (ISO).

2. Subheadings 3808.61 to 3808.69 cover only goods of heading 3808, containing alpha-cypermethrin (ISO), bendiocarb (ISO), bifenthrin (ISO), chlorfenapyr (ISO), cyfluthrin (ISO), deltamethrin (INN, ISO), etofenprox (INN), fenitrothion (ISO), lambda-cyhalothrin (ISO), malathion (ISO), pirimiphos-methyl (ISO) or propoxur (ISO).

3. Subheadings 3824.81 to 3824.88 cover only mixtures and preparations containing one or more of the following substances: oxirane (ethylene oxide), polybrominated biphenyls (PBBs), polychlorinated biphenyls (PCBs), polychlorinated terphenyls (PCTs), tris(2,3-dibromopropyl) phosphate, aldrin (ISO), campheclor (ISO) (toxaphene), chlordane (ISO), chlordecone (ISO), DDT (ISO) (clofenatone) (INN), 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane), dieldrin (ISO, INN), endosulfan (ISO), endrin (ISO), heptachlor (ISO), mirex (ISO), 1,2,3,4,5,6-hexachlorocyclohexane (HCH (ISO)), including lindane (ISO, INN), pentachlorobenzene (ISO), hexachlorobenzene (ISO), perfluorooctane sulfonic acid, its salts, perfluorooctane sulfonamides, perfluorooctane sulfonyl fluoride or tetra-, penta-, hexa-, hepta-, or octabromodiphenyl ethers.

4. For the purposes of subheadings 3825.41 and 3825.49, "waste organic solvents" are wastes containing mainly organic solvents, not fit for further use as presented as primary products, whether or not intended for recovery of the solvents.

Statistical Note

1. For the purposes of heading 3824, the term "biodiesel" means fatty acid esters of a kind used as fuel, derived from animal or vegetable fats and oils, whether or not used.

Statistical Note (con.)

2. For the purposes of 3824.78.0020, the term "hydrofluorocarbon refrigerant blends" consists of hydrofluorocarbon mixtures containing at least pentafluoroethane (R125) and difluoromethane (R32) mixed, with or without other ingredients; or mixtures containing at least pentafluoroethane (R125) and 1,1,1-trifluoroethane (R143a) mixed, with or without other ingredients.

3. For the purposes of 3824.99.2840 and 3824.99.9280, mixtures for use in personal electric or electronic vaporizing devices" means a formulated liquid, whether or not containing nicotine, and whether or not packaged for retail sale in cartridges or tanks adaptable to such devices. Personal electric or electronic vaporizing devices electrically heat or atomize liquids or other substances producing a vapor to be inhaled through the mouthpiece. These devices are commonly known as electronic cigarettes, "e-cigarettes", "e-hookahs", "e-pipes", vaporizers or "vaping" systems.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3801		Artificial graphite; colloidal or semi-colloidal graphite; preparations based on graphite or other carbon in the form of pastes, blocks, plates or other semimanufactures:				
3801.10		Artificial graphite:				
3801.10.10	00	Plates, rods, powder and other forms, wholly or partly manufactured, for manufacturing into brushes for electric generators, motors or other machines or appliances	kg	3.7% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3801.10.50	00	Other	kg	Free 1/		10%
3801.20.00	00	Colloidal or semi-colloidal graphite	kg	Free 1/		10%
3801.30.00	00	Carbonaceous pastes for electrodes and similar pastes for furnace linings	kg	4.9% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
3801.90.00	00	Other	kg	4.9% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3802		Activated carbon; activated natural mineral products; animal black, including spent animal black:				
3802.10.00		Activated carbon		4.8% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
	10	Derived from coal	kg			
	20	Derived from coconut	kg			
	50	Other	kg			
3802.90		Other:				
3802.90.10	00	Bone black	kg	5.8% 1/	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
3802.90.20	00	Activated clays and activated earths	kg	2.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	0.6¢/kg +30%
3802.90.50	00	Other	kg	4.8% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
3803.00.00	00	Tall oil, whether or not refined	kg	Free 1/		20%
3804.00		Residual lyes from the manufacture of wood pulp, whether or not concentrated, desugared or chemically treated, including lignin sulfonates, but excluding tall oil of heading 3803:				
3804.00.10	00	Lignin sulfonic acid and its salts	kg	Free 1/		20%

1/ See 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3804.00 (con.)		Residual lyes from the manufacture of wood pulp, whether or not concentrated, desugared or chemically treated, including lignin sulfonates, but excluding tall oil of heading 3803: (con.)				
3804.00.50	00	Other	kg	3.7% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9903.88.03.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3805		Gum, wood or sulfate turpentine and other terpenic oils produced by the distillation or other treatment of coniferous woods; crude dipentene; sulfite turpentine and other crude para-cymene; pine oil containing alpha-terpineol as the main constituent:				
3805.10.00	00	Gum, wood or sulfate turpentine oils	liters	5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	5%
3805.90		Other:				
3805.90.10	00	Pine oil	kg	Free 1/		25%
3805.90.50	00	Other	kg	3.7% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3806		Rosin and resin acids, and derivatives thereof; rosin spirit and rosin oils; run gums:				
3806.10.00		Rosin and resin acids		5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	5%
	10	Gum rosin	kg			
	50	Other	kg			
3806.20.00	00	Salts of rosin, of resin acids or of derivatives of rosin or resin acids, other than salts of rosin adducts	kg	3.7% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3806.30.00	00	Ester gums	kg	6.5% 2/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 57%
3806.90.00	00	Other	kg	4.2% 3/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 57%
3807.00.00	00	Wood tar; wood tar oils; wood creosote; wood naphtha; vegetable pitch; brewers' pitch and similar preparations based on rosin, resin acids or on vegetable pitch	kg	0.1% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	0.2%

1/ See 9903.88.03.
2/ See 9902.09.17 and 9903.88.03.
3/ See 9902.09.18 and 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3808		Insecticides, rodenticides, fungicides, herbicides, antisprouting products and plant-growth regulators, disinfectants and similar products, put up in forms or packings for retail sale or as preparations or articles (for example, sulfur-treated bands, wicks and candles, and flypapers):				
		Good specified in subheading note 1 to this chapter:				
3808.52.00	00	DDT (ISO) (clofenatone (INN)), in packings of a net weight content not exceeding 300 g	kg	6.5%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 31%
3808.59		Other:				
3808.59.10	00	Containing any aromatic or modified aromatic pesticide	kg	6.5%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 31%
		Other:				
3808.59.40	00	Disinfectants	kg	5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	25%
3808.59.50	00	Other	kg	5%	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3808 (con.)		Insecticides, rodenticides, fungicides, herbicides, antisprouting products and plant-growth regulators, disinfectants and similar products, put up in forms or packings for retail sale or as preparations or articles (for example, sulfur-treated bands, wicks and candles, and flypapers): (con.)				
		Good specified in subheading note 2 to this chapter:				
3808.61		In packings of a net weight content not exceeding 300 g:				
3808.61.10	00	Containing any aromatic or modified aromatic pesticide	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 31%
3808.61.50	00	Other	kg	5%	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	25%
3808.62		In packings of a net weight content exceeding 300 g but not exceeding 7.5 kg:				
3808.62.10	00	Containing any aromatic or modified aromatic pesticide	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 31%
3808.62.50	00	Other	kg	5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3808.69		Other:				
3808.69.10	00	Containing any aromatic or modified aromatic pesticide	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 31%
3808.69.50	00	Other	kg	5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9903.88.03.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3808 (con.)		Insecticides, rodenticides, fungicides, herbicides, antisprouting products and plant-growth regulators, disinfectants and similar products, put up in forms or packings for retail sale or as preparations or articles (for example, sulfur-treated bands, wicks and candles, and flypapers): (con.)				
		Other:				
3808.91		Insecticides:				
3808.91.10	00	Fly ribbons (ribbon fly catchers)	kg	2.8% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other:				
		Containing any aromatic or modified aromatic insecticide:				
3808.91.15	00	Mixtures of *N*-[[(4-chlorophenyl)amino]-carbonyl]-2,6-difluorobenzamide and inert substances	kg	Free 1/		15.4¢/kg + 31%
3808.91.25	01	Other	kg	6.5% 2/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 31%
3808.91.30	00	Containing an inorganic substance	kg	5% 3/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3808.91.50	01	Other	kg	5% 4/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9903.88.03.
2/ See 9902.09.19, 9902.09.20, 9902.09.21, 9902.09.22, 9902.09.23, 9902.09.24, 9902.09.25, 9902.09.26, 9902.09.27, 9902.09.28, 9902.09.29, 9902.09.30, 9902.09.31 and 9903.88.03.
3/ See 9902.09.32 and 9903.88.03.
4/ See 9902.09.33, 9902.09.34, 9902.09.35, 9902.09.36, 9902.09.37, 9902.09.38, 9902.09.39 and 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3808 (con.)		Insecticides, rodenticides, fungicides, herbicides, antisprouting products and plant-growth regulators, disinfectants and similar products, put up in forms or packings for retail sale or as preparations or articles (for example, sulfur-treated bands, wicks and candles, and flypapers): (con.)				
		Other: (con.)				
3808.92		Fungicides:				
		Containing any aromatic or modified aromatic fungicide:				
3808.92.05	00	Mixtures of dinocap and application adjuvants	kg	Free 1/		15.4¢/kg + 31%
3808.92.15	00	Other	kg	6.5% 2/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 31%
		Other:				
		Containing any fungicide which is a thioamide, thiocarbamate, dithiocarbamate, thiuram or isothiocyanate:				
3808.92.24	00	Maneb; Zineb; Mancozeb; and Metiram	kg	Free 1/		25%
3808.92.28	00	Other	kg	3.7% 3/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
		Other:				
3808.92.30	00	Containing an inorganic substance	kg	5% 4/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3808.92.50	00	Other	kg	5% 5/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9903.88.03.
2/ See 9902.09.40, 9902.09.41, 9902.09.42, 9902.09.43, 9902.09.44, 9902.09.45, 9902.09.46, 9902.09.47, 9902.09.48, 9902.09.49, 9902.09.50, 9902.09.51, 9902.09.52, 9902.09.53, 9902.09.54, 9902.09.55, 9902.09.56, 9902.09.57, 9902.09.58, 9902.09.59, 9902.09.60, 9902.09.61, 9902.09.62, 9902.09.63, 9902.09.64, 9902.09.65, 9902.09.66, 9902.09.67, 9902.09.68, 9902.09.69, 9902.09.70, 9902.09.71, 9902.09.72 and 9903.88.03.
3/ See 9902.09.73, 9902.09.74, 9902.09.75 and 9903.88.03.
4/ See 9902.09.76, 9902.09.77 and 9903.88.03.
5/ See 9902.09.78, 9902.09.79, 9902.09.80, 9902.09.81, 9902.09.82, 9902.09.83, 9902.09.84 and 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3808 (con.)		Insecticides, rodenticides, fungicides, herbicides, antisprouting products and plant-growth regulators, disinfectants and similar products, put up in forms or packings for retail sale or as preparations or articles (for example, sulfur-treated bands, wicks and candles, and flypapers): (con.)				
		Other: (con.)				
3808.93		Herbicides, anti-sprouting products and plant-growth regulators:				
		Containing any aromatic or modified aromatic herbicide, anti-sprouting agent or plant-growth regulator:				
3808.93.05	00	Mixtures of 2,6-dichlorobenzonitrile and inerts; Mixtures of 3,5-dichloro-N-(1,1-dimethyl-2-propynyl) benzamide (Pronamide) and application adjuvants; Mixtures of 2-[(1-ethoxyimino)butyl]-5-[2-ethylthiopropyl]-3-hydroxy-2-cyclohexen-1-one (Sethoxydim) and application adjuvants; Mixtures of ethyl 2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoate (Fenoxaprop-ethyl) and isooctyl 2,4-dichlorophenoxyacetate; Mixtures of isooctyl 2-methyl-4-chlorophen- oxyacetate and application adjuvants	kg	Free 1/		15.4¢/kg + 31%
3808.93.15	00	Other	kg	6.5% 2/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 31%
		Other:				
3808.93.20	00	Containing an inorganic substance	kg	5% 3/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3808.93.50		Other		5% 4/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
	10	Mixtures of 2-amino-4-[hydroxy(methyl)phosphonoyl] butanoic acid (glufosinate) or its salts or esters and application adjuvants	kg			
	50	Other	kg			
3808.94		Disinfectants:				
3808.94.10	00	Containing any aromatic or modified aromatic disinfectant	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 31%

1/ See 9903.88.03.
2/ See 9902.09.85, 9902.09.86, 9902.09.87, 9902.09.88, 9902.09.89, 90209.90, 9902.09.91, 9902.09.92, 9902.09.93, 9902.09.94, 9902.09.95, 9902.09.96, 9902.09.97, 9902.09.98, 9902.09.99, 9902.10.01, 9902.10.02, 9902.10.03, 9902.10.04, 9902.10.5, 9902.10.06, 9902.10.07, 9902.10.08, 9902.10.09, 9902.10.10, 9902.10.11 and 9903.88.03.
3/ See 9902.10.12 and 9903.88.03.
4/ See 9902.10.13, 9902.10.14, 9902.10.15, 9902.10.16, 9902.10.17, 9902.10.18 and 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3808 (con.)		Insecticides, rodenticides, fungicides, herbicides, antisprouting products and plant-growth regulators, disinfectants and similar products, put up in forms or packings for retail sale or as preparations or articles (for example, sulfur-treated bands, wicks and candles, and flypapers): (con.)				
		Other: (con.)				
3808.94 (con.)		Disinfectants: (con.)				
3808.94.50	00	Other.....	kg.....	5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9903.88.03.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3808 (con.)		Insecticides, rodenticides, fungicides, herbicides, antisprouting products and plant-growth regulators, disinfectants and similar products, put up in forms or packings for retail sale or as preparations or articles (for example, sulfur-treated bands, wicks and candles, and flypapers): (con.)				
		Other: (con.)				
3808.99		Other:				
		Containing any aromatic or modified aromatic pesticide:				
3808.99.04	00	Mixtures of 1,1-bis(4-chlorophenyl)-2,2,2-trichloroethanol (Dicofol) and application adjuvants	kg	Free 1/		15.4¢/kg + 31%
3808.99.08	00	Other	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 31%
		Other:				
3808.99.30	00	Formulated biocides based on 2-methyl-4-isothiazolin-3-one, or 2-n-octyl-4-isothiazolin-3-one, or 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one, or mixtures of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one; and Metaldehyde	kg	Free 1/		25%
		Other:				
3808.99.70	00	Containing an inorganic substance	kg	5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3808.99.95	01	Other	kg	5% 2/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9903.88.03.
2/ See 9902.10.19 and 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3809		Finishing agents, dye carriers to accelerate the dyeing or fixing of dyestuffs and other products and preparations (for example, dressings and mordants), of a kind used in the textile, paper, leather or like industries, not elsewhere specified or included:				
3809.10.00	00	With a basis of amylaceous substances	kg	2.2¢/kg + 3%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	17.6¢/kg + 25%
		Other:				
3809.91.00	00	Of a kind used in the textile or like industries	kg	6% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3809.92		Of a kind used in the paper or like industries:				
3809.92.10	00	Containing 5 percent or more by weight of one or more aromatic or modified aromatic substances	kg	6.5% 2/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
3809.92.50	00	Other	kg	6% 2/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3809.93		Of a kind used in the leather or like industries:				
3809.93.10	00	Containing 5 percent or more by weight of one or more aromatic or modified aromatic substances	kg	6.5% 2/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
3809.93.50	00	Other	kg	6% 2/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3810		Pickling preparations for metal surfaces; fluxes and other auxiliary preparations for soldering, brazing or welding; soldering, brazing or welding powders and pastes consisting of metal and other materials; preparations of a kind used as cores or coatings for welding electrodes or rods:				
3810.10.00	00	Pickling preparations for metal surfaces; soldering, brazing or welding powders and pastes consisting of metal and other materials	kg	5% 2/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3810.90		Other:				
3810.90.10	00	Containing 5 percent or more by weight of one or more aromatic or modified aromatic substances	kg	6.5% 2/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%
3810.90.20	00	Consisting wholly of inorganic substances	kg	Free 2/		25%

1/ See 9902.10.20 and 9903.88.03.
2/ See 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3810 (con.)		Pickling preparations for metal surfaces; fluxes and other auxiliary preparations for soldering, brazing or welding; soldering, brazing or welding powders and pastes consisting of metal and other materials; preparations of a kind used as cores or coatings for welding electrodes or rods: (con.)				
3810.90 (con.)		Other: (con.)				
3810.90.50	00	Other.....	kg.....	5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9903.88.03.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3811		Antiknock preparations, oxidation inhibitors, gum inhibitors, viscosity improvers, anti-corrosive preparations and other prepared additives, for mineral oils (including gasoline) or for other liquids used for the same purposes as mineral oils:				
		Antiknock preparations:				
3811.11		Based on lead compounds:				
3811.11.10	00	Based on tetraethyl lead or on a mixture of tetraethyl lead and tetramethyl lead	kg	Free 1/		30%
3811.11.50	00	Other	kg	Free 1/		25%
3811.19.00	00	Other	kg	6.5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%
		Additives for lubricating oils:				
3811.21.00	00	Containing petroleum oils or oils obtained from bituminous minerals	kg	6.5% 2/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
3811.29.00	00	Other	kg	6.5% 3/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3811.90.00	00	Other	kg	6.5% 4/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%
3812		Prepared rubber accelerators; compound plasticizers for rubber or plastics, not elsewhere specified or included; antioxidizing preparations and other compound stabilizers for rubber or plastics:				
3812.10		Prepared rubber accelerators:				
3812.10.10	00	Containing any aromatic or modified aromatic rubber accelerator	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%
3812.10.50	00	Other	kg	5% 5/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3812.20		Compound plasticizers for rubber or plastics:				
3812.20.10	00	Containing any aromatic or modified aromatic plasticizer	kg	6.5% 6/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 57%

1/ See 9903.88.03.
2/ See 9902.10.21, 9902.10.22 and 9903.88.02.
3/ See 9902.10.23 and 9903.88.02.
4/ See 9902.10.24, 9902.10.25 and 9903.88.03.
5/ See 9902.10.26, 9902.10.27, 9902.10.28 and 9903.88.03.
6/ See 9902.10.29, 9902.10.30 and 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3812 (con.)		Prepared rubber accelerators; compound plasticizers for rubber or plastics, not elsewhere specified or included; antioxidizing preparations and other compound stabilizers for rubber or plastics: (con.)				
3812.20 (con.)		Compound plasticizers for rubber or plastics: (con.)				
3812.20.50	00	Other	kg	5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3812 (con.)		Prepared rubber accelerators; compound plasticizers for rubber or plastics, not elsewhere specified or included; antioxidizing preparations and other compound stabilizers for rubber or plastics: (con.)				
		Anti-oxidizing preparations and other compound stabilizers for rubber or plastics:				
3812.31.00	00	Mixtures of oligomers of 2,2,4-trimethyl-1,2-dihydroquinoline (TMQ)	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%
3812.39		Other:				
		Containing any aromatic or modified aromatic antioxidant or other stabilizer:				
3812.39.20	00	Mixtures of N,N'-diaryl-p-phenylenediamines	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%
3812.39.30	00	Master batches of poly[nitrilomethanetetraaryl-nitrilo[2,4,6- tris(1-methylethyl)-1,3-phenylene]]-2,6-bis(1-methylethyl)phenyl]-ω-[[[[2,6-bis(1-methylethyl)phenyl]amino]-methylene]amino]carbodiimide or 2,4-diisocyanate-1,3,5-tris(1-methylethyl)-benzene homopolymer with polyethylene, polyethylene terephthalate, or thermoplastic polyurethanes;Master batches of 3-(2H-benzotriazol-2-yl)-5-(tert-butyl)-4-hydroxybenzenepropanoic acid, C_7-C_9 branched or linear alkyl esters; andMaster batches of α-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl-ω-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxo-propyl] poly(oxyethylene)	kg	Free 1/		3.7¢/kg + 60%
3812.39.60	00	Other	kg	6.5% 2/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%
		Other:				
3812.39.70	00	Bis(1,2,2,6,6-pentamethyl-4-piperidinyl) sebacate	kg	Free 1/		25%
3812.39.90	00	Other	kg	5% 3/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3813.00		Preparations and charges for fire extinguishers; charged fire-extinguishing grenades:				
3813.00.10	00	Consisting wholly of inorganic substances	kg	Free 1/		25%

1/ See 9903.88.03.
2/ See 9902.10.31, 9902.10.32, 9902.10.33, 9902.10.34, 9902.10.35 and 9903.88.03.
3/ See 9902.10.36, 9902.10.37 and 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3813.00 (con.)		Preparations and charges for fire extinguishers; charged fire-extinguishing grenades: (con.)				
3813.00.50	00	Other	kg	3.7% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%

1/ See 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3814.00		Organic composite solvents and thinners, not elsewhere specified or included; prepared paint or varnish removers:				
3814.00.10	00	Containing 5 percent or more but not more than 25 percent by weight of one or more aromatic or modified aromatic substances	kg	6.5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%
3814.00.20	00	Containing more than 25 percent by weight of one or more aromatic or modified aromatic substances	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 43.5%
3814.00.50		Other		6% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
	10	Containing methyl chloroform (1,1,1-trichloro- ethane) or carbon tetrachloride	kg			
	90	Other	kg			
3815		Reaction initiators, reaction accelerators and catalytic preparations, not elsewhere specified or included:				
		Supported catalysts:				
3815.11.00	00	With nickel or nickel compounds as the active substance	kg	Free 1/		25%
3815.12.00	00	With precious metal or precious metal compounds as the active substance	kg	Free 1/		25%
3815.19.00	00	Other	kg	Free 1/		25%
3815.90		Other:				
		Consisting wholly of inorganic substances:				
3815.90.10	00	Of bismuth, of tungsten or of vanadium	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
3815.90.20	00	Of mercury or of molybdenum	kg	2.8% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	18%
3815.90.30	00	Other	kg	Free 1/		25%
3815.90.50	00	Other	kg	5% 2/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3816.00.00		Refractory cements, mortars, concretes and similar compositions, other than products of heading 3801		3% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	10	Clay	kg			
	50	Other	kg			

1/ See 9903.88.03.
2/ See 9902.10.38, 9902.10.39, 9902.10.40, 9902.10.41 and 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3817		Mixed alkylbenzenes and mixed alkylnaphthalenes, other than those of heading 2707 or 2902:				
		Mixed alkylbenzenes:				
3817.00.10	00	Mixed linear alkylbenzenes	kg	6.5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 55%
3817.00.15	00	Other	kg	6.5% 2/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	15.4¢/kg + 55%
3817.00.20	00	Mixed alkylnaphthalenes	kg	6.5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%
3818.00.00		Chemical elements doped for use in electronics, in the form of discs, wafers or similar forms; chemical compounds doped for use in electronics		Free 1/		25%
	10	Gallium arsenide wafers, doped	kg			
	90	Other	kg			
3819.00.00		Hydraulic brake fluids and other prepared liquids for hydraulic transmission, not containing or containing less than 70 percent by weight of petroleum oils or oils obtained from bituminous minerals		6.5% 3/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%
	10	Hydraulic brake fluids	kg			
	90	Other	kg			
3820.00.00	00	Antifreezing preparations and prepared deicing fluids	kg	6.5%	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	63%
3821.00.00	00	Prepared culture media for development or maintenance of micro-organisms (including viruses and the like) or of plant, human or animal cells	kg	5%	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9903.88.03.
2/ See 9902.10.42 and 9903.88.03.
3/ See 9902.10.43 and 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3822.00		Diagnostic or laboratory reagents on a backing and prepared diagnostic or laboratory reagents, whether or not on a backing, other than those of heading 3002 or 3006; certified reference materials:				
		Diagnostic or laboratory reagents on a backing, prepared diagnostic or laboratory reagents, whether or not on a backing, other than those of heading 3002 or 3006:				
3822.00.10		Containing antigens or antisera	.....	Free		Free
	10	Containing methyl chloroform (1,1,1-trichloro-ethane) or carbon tetrachloride	kg			
	90	Other	kg			
3822.00.50		Other	.....	Free		25%
	10	Containing methyl chloroform (1,1,1-trichloro-ethane) or carbon tetrachloride	kg			
	90	Other	kg			
3822.00.60	00	Certified reference materials	X	Free		25%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3823		Industrial monocarboxylic fatty acids; acid oils from refining; industrial fatty alcohols:				
		Industrial monocarboxylic fatty acids; acid oils from refining:				
3823.11.00	00	Stearic acid	kg	2.1¢/kg + 3.8%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	6.6¢/kg + 25%
3823.12.00	00	Oleic acid	kg	2.1¢/kg + 3.2%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	6.6¢/kg + 20%
3823.13.00		Tall oil fatty acids		3.2%	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
	20	Containing less than two percent rosin	kg			
	40	Other	kg			
3823.19		Other:				
3823.19.20	00	Derived from coconut, palm-kernel or palm oil	kg	2.3% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
3823.19.40	00	Other	kg	3.2% 2/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
3823.70		Industrial fatty alcohols:				
		Derived from fatty substances of animal or vegetable origin:				
3823.70.20	00	Oleyl	kg	5.1%	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	39.5%
3823.70.40	00	Other	kg	2% 3/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3823.70.60	00	Other	kg	2.4%	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9902.10.44.
2/ See 9902.10.45.
3/ See 9902.10.46.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3824		Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included:				
3824.10.00	00	Prepared binders for foundry molds or cores	kg	6% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3824.30.00	00	Nonagglomerated metal carbides mixed together or with metallic binders	kg	3.6% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3824.40		Prepared additives for cements, mortars or concretes:				
3824.40.10	00	Containing 5 percent or more by weight of one or more aromatic or modified aromatic substances	kg	6.5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%
3824.40.20	00	Consisting wholly of inorganic substances	kg	Free 1/		25%
3824.40.50	00	Other	kg	5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3824.50.00		Nonrefractory mortars and concretes		Free 1/		20%
	10	Wet	t			
	50	Other	t			
3824.60.00	00	Sorbitol other than that of subheading 2905.44	kg	4.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	50%

1/ See 9903.88.03.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3824 (con.)		Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included: (con.)				
		Mixtures containing halogenated derivatives of methane, ethane or propane:				
3824.71.01	00	Containing chlorofluorocarbons (CFCs), whether or not containing hydrochlorofluorocarbons (HCFCs), perfluorocarbons (PFCs) or hydrofluorocarbons (HFCs)	kg	3.7% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3824.72.00	00	Containing bromochlorodifluoromethane, bromotrifluoromethane or dibromotetrafluoroethanes	kg	3.7% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3824.73.00	00	Containing hydrobromofluorocarbons (HBFCs)	kg	3.7% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3824.74.00	00	Containing hydrochlorofluorocarbons (HCFCs), whether or not containing perfluorocarbons (PFCs) or hydrofluorocarbons (HFCs) but not containing chlorofluorocarbons (CFCs)	kg	3.7% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
3824.75.00	00	Containing carbon tetrachloride	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	114.5%
3824.76.00	00	Containing 1,1,1-trichloroethane (methyl chloroform)	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	114.5%
3824.77.00	00	Containing bromomethane (methyl bromide) or bromochloromethane	kg	3.7% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	25%
3824.78.00		Containing perfluorocarbons (PFCs) or hydrofluorocarbons (HFCs) but not containing chlorofluorocarbons (CFCs) or hydrochlorofluorocarbons (HCFCs)		3.7% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
	20	Hydrofluorocarbon refrigerant blends specified in statistical note 2 to this chapter	kg			

1/ See 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3824 (con.)		Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included: (con.)				
		Mixtures containing halogenated derivatives of methane, ethane or propane: (con.)				
3824.78.00 (con.)		Containing perfluorocarbons (PFCs) or hydrofluorocarbons (HFCs) but not containing chlorofluorocarbons (CFCs) or hydrochlorofluorocarbons (HCFCs) (con.)				
	50	Other.....	kg			

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3824 (con.)		Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included: (con.)				
		Mixtures containing halogenated derivatives of methane, ethane or propane: (con.)				
3824.79		Other:				
3824.79.10	00	Chlorinated but not otherwise halogenated.....	kg.....	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	114.5%
3824.79.90	00	Other.....	kg.....	3.7% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3824 (con.)		Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included: (con.)				
		Goods specified in subheading note 3 to this chapter:				
3824.81.00	00	Containing oxirane (ethylene oxide)	kg	5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	25%
3824.82		Containing polychlorinated biphenyls (PCBs), polychlorinated terphenyls ({PCTs) or polybrominated biphenyls (PBBs):				
3824.82.10	00	Chlorinated but not otherwise halogenated	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	114.5%
3824.82.90	00	Other	kg	3.7% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	25%
3824.83.00	00	Containing tris(2,3-dibromopropyl) phospate	kg	5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	25%
3824.84.00	00	Containing aldrin (ISO), camphechlor (ISO) (toxaphene), chlordane (ISO), chlordecone (ISO), DDT (ISO) (clofenatone (INN)), 1,1,1-trichloro-2,2-bis(p-chlorophenyl)ethane), dieldrin (ISO<INN), endosulfan (ISO), endrin (ISO), heptachlor (ISO) or mirex (ISO)	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	114.5%
3824.85.00	00	Containing 1,2,3,4,5,6-hexachlorocyclohexane (HCH (ISO)), including lindane (ISO,INN)	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	114.5%
3824.86.00	00	Containing pentachlorobenzene (ISO) or hexachlorobenzene (ISO)	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%
3824.87.00	00	Containing perfluorooctane sulfonic acid, its salts, perfluorooctane sulfonamides, or perfluorooctane sulfonyl fluoride	kg	3.7% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3824 (con.)		Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included: (con.)				
		Goods specified in subheading note 3 to this chapter: (con.)				
3824.88.00	00	Containing tetra-, penta-, hexa-, hepta-, or octabromodiphenyl ethers	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%

1/ See 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3824 (con.)		Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included: (con.)				
		Other:				
3824.91.00	00	Mixtures and preparations consisting mainly of (5-ethyl-2-methyl-2-oxido3,2-dioxaphosphinan-5-yl)methyl methylphosphonate and bis(5-ethyl-2-methyl-2-oxido-1,3,2-dioxaphosphinan-5-yl)methyl methylphosphonate	kg	5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	25%
3824.99		Other:				
		Cultured crystals (other than optical elements of chapter 90), weighing not less than 2.5 g each:				
3824.99.11	00	In the form of ingots	kg	Free 1/		25%
3824.99.19	00	Other	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	50%
		Other:				
		Mixtures containing 5 percent or more by weight of one or more aromatic or modified aromatic substances:				
3824.99.21	00	Consisting wholly of substances found naturally in coal tar, whether obtained from coal tar or other source	kg	Free 1/		Free
3824.99.25	00	Aqueous mixtures of triphenyl sulfonium chloride, diphenyl (4-phenylthio)phenyl sulfonium chloride and (thiodi-4,1-phenylene)bis(diphenyl sulfonium) dichloride	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%
3824.99.26	00	Benzene, 2,4-diisocyanate-1,3,5-tris(1-methylethyl) homopolymer; 5-Fluoro-2-methyl-1-[[4-(methylsulfinyl)-phenyl]methylene]-1H-indene;Mixtures of dimethyl phthalate, t-butanol, hydrogen peroxide, and sodium salicylate; andMixtures containing derivatives of N-[4-(2-hydroxy-3-phenoxypropoxy)phenyl]-acetamide	kg	Free 1/		3.7¢/kg + 60%
3824.99.28		Other		6.5% 2/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	3.7¢/kg + 60%
	40	Mixtures of a kind containing nicotine used in personal electric or electronic vaporizing devices	kg			
	90	Other	kg			

1/ See 9903.88.03.
2/ See 9902.10.49, 9902.10.50 and 9903.88.03.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3824 (con.)		Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included: (con.)				
		Other: (con.)				
3824.99 (con.)		Other: (con.)				
		Other: (con.)				
		Mixtures of two or more inorganic compounds:				
3824.99.31	00	Of bismuth	kg	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
3824.99.32	00	Of hydrosulfite compounds, of sulfoxylate compounds, or of both	kg	6.5% 1/	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
3824.99.33	00	Of mercury	kg	4.2% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	26.3%
3824.99.34	00	Of molybdenum	kg	2.8% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	18%
3824.99.35	00	Of tungsten	kg	6.5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45.5%
3824.99.36	00	Of vanadium	kg	6.5%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
3824.99.39	00	Other	kg	Free 1/		25%
3824.99.41		Fatty substances of animal or vegetable origin and mixtures thereof		4.6% 2/	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	16.5¢/kg + 30%
	40	Mixtures of fatty acid esters	kg			
	90	Other	kg			

1/ See 9903.88.03.
2/ See 9902.10.53 and 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3824 (con.)		Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included: (con.)				
		Other: (con.)				
3824.99 (con.)		Other: (con.)				
		Other: (con.)				
		Other:				
3824.99.48	00	Mixtures that are in whole or in part of hydrocarbons derived in whole or in part from petroleum, shale oil or natural gas....	kg.....	6.5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	25%
		Mixtures of halogenated hydrocarbons:				
3824.99.50	00	Chlorinated but not otherwise halogenated.....	kg.....	6.5% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	114.5%
3824.99.55	00	Other.....	kg.....	3.7% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9903.88.03.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3824 (con.)		Prepared binders for foundry molds or cores; chemical products and preparations of the chemical or allied industries (including those consisting of mixtures of natural products), not elsewhere specified or included: (con.)				
		Other: (con.)				
3824.99 (con.)		Other: (con.)				
		Other: (con.)				
		Other: (con.)				
		Other:				
3824.99.70	00	Mixtures of dibromo neopentyl glycol; Polydibromophenylene oxide; Tetrabromobisphenol-A-carbonate oligomers; and Electroplating chemical and electroless plating solutions and other materials for printed circuit boards, plastics and metal finishings	kg	Free 1/		25%
3824.99.75		Naphthenic acids, their water-insoluble salts and their esters		3.7% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
	10	Naphthenic acids	kg			
	50	Other	kg			
3824.99.92		Other		5% 2/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	25%
		Mixtures of acyclic, monohydric, unsubstituted alcohols:				
	10	Containing C_{11} or lower alcohols only	kg			
	20	Containing C_{12} or higher alcohols only	kg			
	30	Other	kg			
	61	Mixtures consisting mainly of chemicals containing a phosphorus atom to which is bonded one methyl, ethyl, *n*-propyl or isopropyl group, but no other carbon atoms	kg			
	80	Mixtures of a kind containing nicotine used in personal electric or electronic vaporizing devices	kg			
	86	Mixtures of a kind containing magnesium used as a desulfurization reagent	kg			
	97	Other	kg			

1/ See 9903.88.03.
2/ See 9902.10.47, 9902.10.48, 9902.10.54, 9902.10.55, 9902.10.56, 9902.10.57, 9902.10.58, 9902.10.59, 9902.10.60, 9902.10.61, 9902.10.62, 9902.10.63 and 9903.88.03.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
3825		Residual products of the chemical or allied industries, not elsewhere specified or included; municipal waste; sewage sludge; other wastes specified in note 6 to this chapter:				
3825.10.00	00	Municipal waste	X	Free		Free
3825.20.00	00	Sewage sludge	X	Free		Free
3825.30.00	00	Clinical waste	X	Free		Free
		Waste organic solvents:				
3825.41.00	00	Halogenated	X	Free 1/		Free
3825.49.00	00	Other	X	Free 1/		Free
3825.50.00	00	Wastes of metal-pickling liquors, hydraulic fluids, brake fluids and anti-freeze fluids	X	Free 1/		Free
		Other wastes from the chemical or allied industries:				
3825.61.00	00	Mainly containing organic constituents	X	Free 1/		Free
3825.69.00	00	Other	X	Free 1/		Free
3825.90.00	00	Other	X	Free 1/		Free
3826.00		Biodiesel and mixtures thereof, not containing or containing less than 70 percent by weight of petroleum oils or oils obtained from bituminous materials:				
3826.00.10	00	Biodiesel not containing petroleum oils or oils obtained from bituminous materials (B100)	kg	4.6% 1/	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	16.5¢/kg + 30%
3826.00.30	00	Other	kg	6.5% 1/	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, K, KR, MA, MX, OM, P, PA, PE, SG)	25%

1/ See 9903.88.03.